IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An information processing system, comprising:

means for producing a computer image that prompts a player to virtually touch a plurality of touch points;

means for accepting input of a video image of the player picked up by image pickup means;

display control means for superimposing the video image and the computer image on one another and causing a display device to display a superimposed image;

means for analyzing the video image during display of the computer image and detecting a virtual touch to any of the plurality of touch points; and

means for executing predetermined processing when the detecting means detects the virtual touches that are made to a predetermined number of touch points in a predetermined order.

2. (Original) The information processing system according to claim 1, wherein the detecting means detects the virtual touch when an object having a specific color and worn by the player within the video image overlaps any one of the plurality of touch points within the computer image.

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3. (Original) The information processing system according to claim 1, wherein:

the image producing means sequentially produces computer images including navigation information indicating one touch point to be touched next; and

the means for executing predetermined processing executes the predetermined processing when the detecting means detects that the virtual touches have been made for the respective computer images including the navigation information that is sequentially produced.

4. (Original) The information processing system according to claim 1, wherein:

the image producing means sequentially produces computer images each indicating two touch points to be touched next; and

the means for executing predetermined processing executes the predetermined processing when the detecting means detects that the virtual touches have been made simultaneously on the two touch points for the respective computer images including the navigation information that is sequentially produced.

5. (Original) The information processing system according to claim 1, wherein:

the image producing means produce the computer image including navigation information indicating an order of touches to be made to the touch points; and

the means for executing predetermined processing executes the predetermined processing when the detecting means detects that the virtual touches have been made according to the navigation.

6. (Original) An entertainment system, comprising;

   means for producing a computer image including an image for specifying a plurality of areas;

   means for accepting input of a video image picked up by image pickup means;

   display control means for superimposing the video image and the computer image on one another and causing a display device to display a superimposed image; and

   means for analyzing the video image by referring to the computer image, wherein:

   the image producing means selects one area of the plurality of areas in a predetermined order, and sequentially produces a plurality of images each of which prompts the input and is obtained by displaying the selected area in a manner different from others;

   the analyzing means analyzes the video image when each of the plurality of images, that prompts the input, is displayed, and detects that an area of the video image, corresponding to the selected area displayed in the manner different from others, includes a predetermined image; and

   a predetermined function is executed when production of the image that prompts the input, and the detection that the corresponding area includes the predetermined image, are performed a predetermined number of times.

7. (Original) An information processing system input accepting method, comprising:

   producing a computer image that prompts a player to virtually touch a plurality of touch points;

   accepting input of a video image of the player picked up by image pickup means;

analyzing the video image while superimposing the video image and the computer image on one another and causing a display device to display a Superimposed image, and sequentially detecting virtual touches to any of the plurality of touch points; and

accepting the virtual touches as predetermined input when a predetermined number of touch points are touched in a predetermined order by the virtual touches.

8. (Original) A recording medium on which a computer program for accepting input is recorded, the computer program causing a computer to execute processing of:

producing a computer image that prompts a player to virtually touch a plurality of touch points;

accepting an input of a video image of the player picked up by image pickup means;

analyzing the video image while superimposing the video image and the computer image on one another and causing a display device to display a superimposed image, and sequentially detecting virtual touches to any of the plurality of touch points; and

accepting the virtual touches as predetermined input when a predetermined number of touch points are touched in a predetermined order by the virtual touches.

9. (Original) An information processing system, comprising;

means for producing a computer image that prompts a player to virtually touch a plurality of touch points;

means for accepting an input of a video image of the player picked up by image pickup means;

display control means for superimposing the video image and the computer image on one another and causing a display device to display a superimposed image;

means for analyzing the video image during display of the computer image and detecting virtual touches to any of the plurality of touch points; and

object displaying means for displaying, when the detecting means detects the virtual touches that are made sequentially to a predetermined number of touch points in a predetermined order, an object that connects the touch points sequentially subjected to the virtual touches.

10. (Original) The information processing system according to claim 9, wherein when a virtual touch is made to any one of the touch points, the object displaying means displays the object that connects to another touch point previously subjected to the virtual touch.

11. (Original) The information processing system according to claim 9, wherein when the virtual touches are made to a predetermined number of touch points in a predetermined order, the object displaying means displays the object that connects the touch points sequentially subjected to the virtual touches.

12. (Original) The information processing system according to claim 9, wherein the object that connects the touch points comprises a line imitating light.

13. (Original) A recording medium on which a computer program for accepting an input is recorded, the computer program causing a computer to function as:

means for producing a computer image that shows a player a plurality of touch points to be virtually touched;

means for accepting input of a video image of the player picked up by image pickup means;

display control means for superimposing the video image and the computer image on one another and causing a display device to display a superimposed image;

means for analyzing the video image during display of the computer image and detecting virtual touches to any of the plurality of touch points; and

object displaying means for displaying, when the detecting means detects the virtual touches that are made sequentially on a plurality of touch points, an object that connects the touch points sequentially subjected to the virtual touches.

14. (Original) An input interface controlling method for an information processor having a computer image producing part, an image input part, a superimposed image producing part, and a determining part, the method comprising the steps of:

producing, by the computer image producing part, a computer image that shows a player a plurality of touch points to be virtually touched;

accepting, by the image input part, an input of a video image of the player picked up by image pickup means;

superimposing, by the superimposed image producing part, the video image and the computer image on one another and causing a display device to display a superimposed image;

analyzing, by the determining part, the video image during display of the computer image and detecting virtual touches to any of the plurality of touch points; and

displaying, by the computer image producing part, when the virtual touches are detected to have been made sequentially on a plurality of touch points, an object that connects the touch points sequentially subjected to the virtual touches.